

Claims

1. Roof design that comprises an external sheet covering (1; 101), an insulating layer (3; 103) provided beneath the sheet covering (1; 101) and a load carrying structure (10; 110) that supports the insulating layer (3; 103), and that means (7; 107) for transporting an energy absorbing medium is provided in the insulating layer (3; 103), characterised in that the external sheet covering (1; 101) is corrugated, and that the surface of the insulating layer (3; 103) that faces towards the sheet covering (1; 101) has a shape that is adapted to the sheet covering (1; 101).
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2. Roof design according to claim 1,
15 characterised in that the means for transporting an energy absorbing medium constitutes a flexible hose (7; 107).
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3. Roof design according to claim 2,
20 characterised in that the insulating layer (3; 103) is equipped with a groove (9) for receiving the flexible hose (7; 107).
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4. Roof design according to claim 3,
25 characterised in that the groove (9) is continuous and comprises straight portions and curved portions, seen in top view.
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5. Roof design according to any of the previous claims,
30 characterised in that sheet covering (1; 101) has a tile profile.
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6. Roof design according to claim 3 or 4,
characterised in that the hose (7; 107) projects above the insulating layer (3; 103).
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